

Abstract

A sensor element for determining the oxygen concentration in an exhaust gas has a conductor track applied to a solid electrolyte, which includes an electrode provided in a measuring area of the sensor element and an electrode lead connected to the electrode and situated in the lead area of the sensor element. In a transition area between the measuring area and the lead area, the conductor track has a narrowing. Furthermore, the electrode includes a first electrode section and a second electrode section, the first electrode section being connected to the electrode lead in a transition area between the measuring area and the lead area, and the first and second electrode sections being electrically connected to one another only on their sides facing away from the lead area.